Project Summary Sheet

Project Name: Clover Creek Preserve Tracking No: 4021

Location: The 128-acre project site is in a portion of the Clover Creek flood plain located in the southeast quadrant of the City of Redding.

County: Shasta

Project Sponsor: City of Redding

Point of Contact: Robert Russell (Engineering/Flood Control Info.) (530) 225-4156. Terry Hanson (Grant Application Info.) (530) 225-4009.

Co-applicant(s): None

Assembly District: #2 Doug LaMalfa Senate District: #4 Sam Aanestad

Project Description (including size):
The Clover Creek Preserve project proposes to restore and conserve approximately 128 acres of land that had been slated for residential development. Specific components of the project include the creation of a 46± acre detention basin/flood plain area (with 10 to 15 acres of associated seasonal wetland, marsh, perennial pond and riparian habitat); the enhancement or creation of 25 to 40 acres of oak woodland and 40 to 55 acres of grassland with scattered vernal pools; and the construction of bike paths, walking trails, a parking area, and habitat interpretive areas.

Flood Benefits:
The project includes a detention basin with a maximum capacity of 362 acre-feet to reduce downstream flooding by briefly storing storm water with releases gauged to match downstream channel capacity. The detention basin will be designed so that the water surface elevation during a 100-year event will be 517.3 feet. This will essentially eliminate surcharging of flows collected in the detention basin up into nearby subdivision streets via existing storm drains during a100-year event. In addition to eliminating flows that back up into neighborhoods to the west, the detention basin and associated wetlands will provide transient storage during peak flows and reduce flooding in the economically depressed neighborhood downstream.

Agricultural Benefits: None

Agricultural Land Conserved, acres, if any: None

Wildlife Benefits:
Approximately 128 acres of the project site will be conserved and restored for wildlife benefits. Site has existing oak savannah, vernal pool, and wetland habitats. Development of the detention basin will enhance and protect the existing natural resources and provide for the creation on site of additional habitat areas. Over 15 acres of new wetland areas, including vernal pools, seasonal wetlands, seasonal marshes, perennial marshes, and an open water pond, will be developed on site. In addition, appropriate riparian vegetation adjacent to the newly naturalized creek channel will be reintroduced.

Wildlife Habitat Conserved, acres, if any: 128 acres

Total area conserved: 128 acres.

Other Benefits:
The project includes a preserve with 4.5 miles of walking and bicycle trails to provide recreational users with many varied opportunities to learn about the diverse range of plant and animal life. The City plans to construct a home to be used by a live-in, on-site Park Ranger/Naturalist.

Total Cost: $10,597,753

FPCP Cost: $ 2,700,000

Funding Partners and Share of Cost:
Local Funds Contributed - $7,316,581